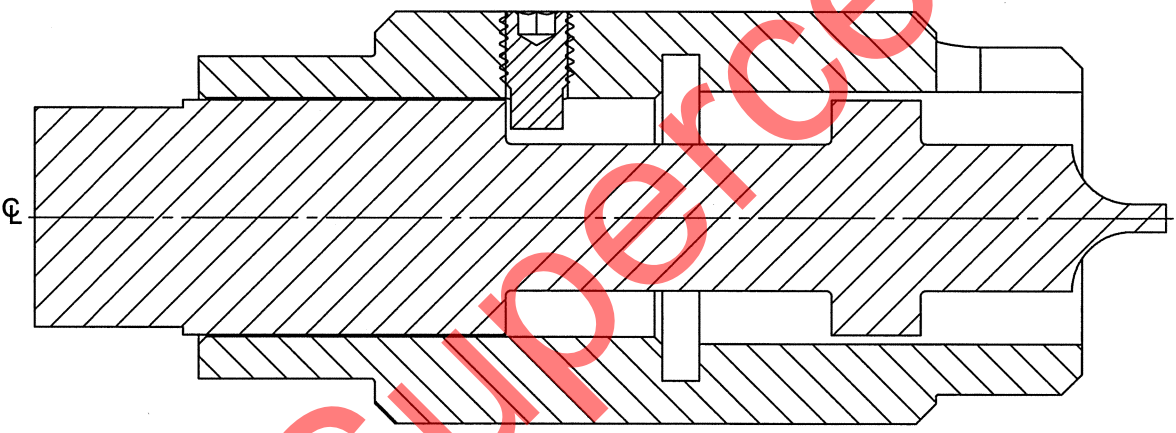
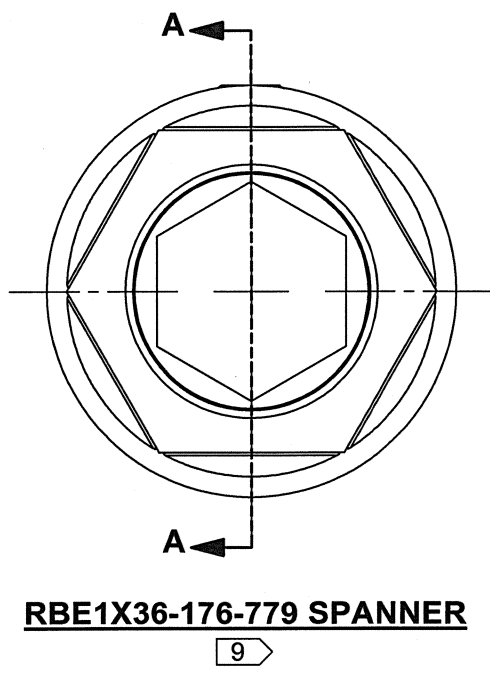
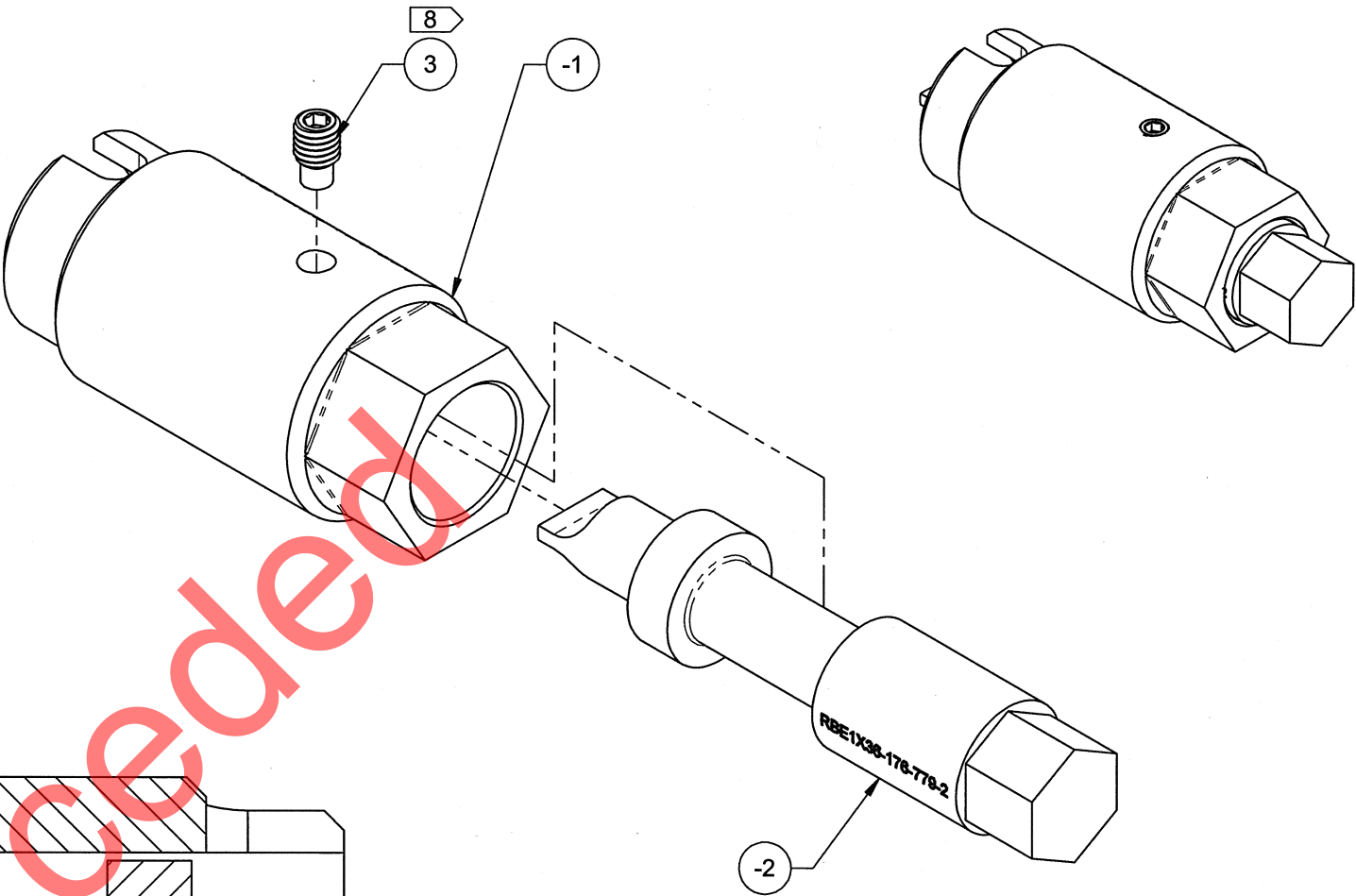


ITEM #	QTY	PART #	PART TITLE
-1	1	RBE1X36-176-779-1	SLEEVE
-2	1	RBE1X36-176-779-2	DRIVER
3	1	McMaster#92905A114 OR EQUIV	STEEL EXTENDED-TIP SET SCREW M5 X 0.8mm X 8mm LG.

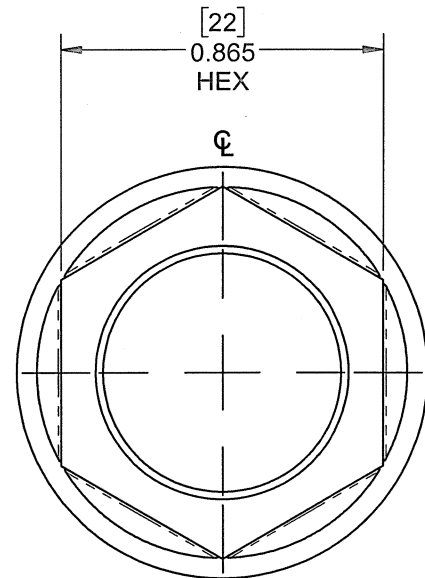


RBE1X36-176-779 SPANNER

SECTION A-A

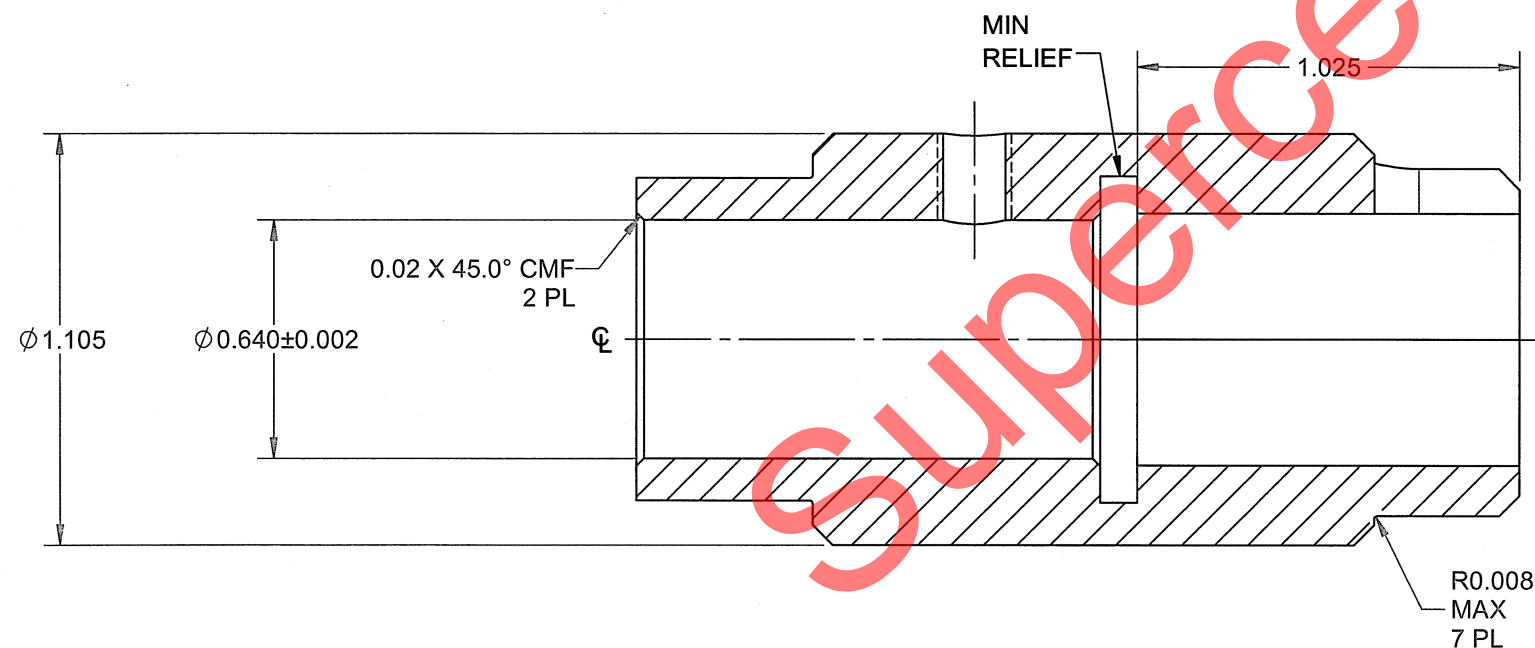
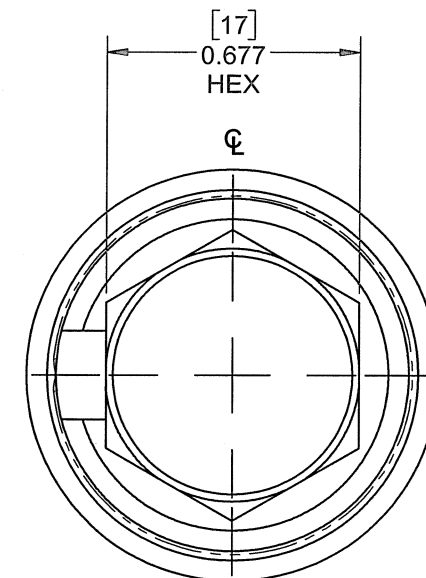
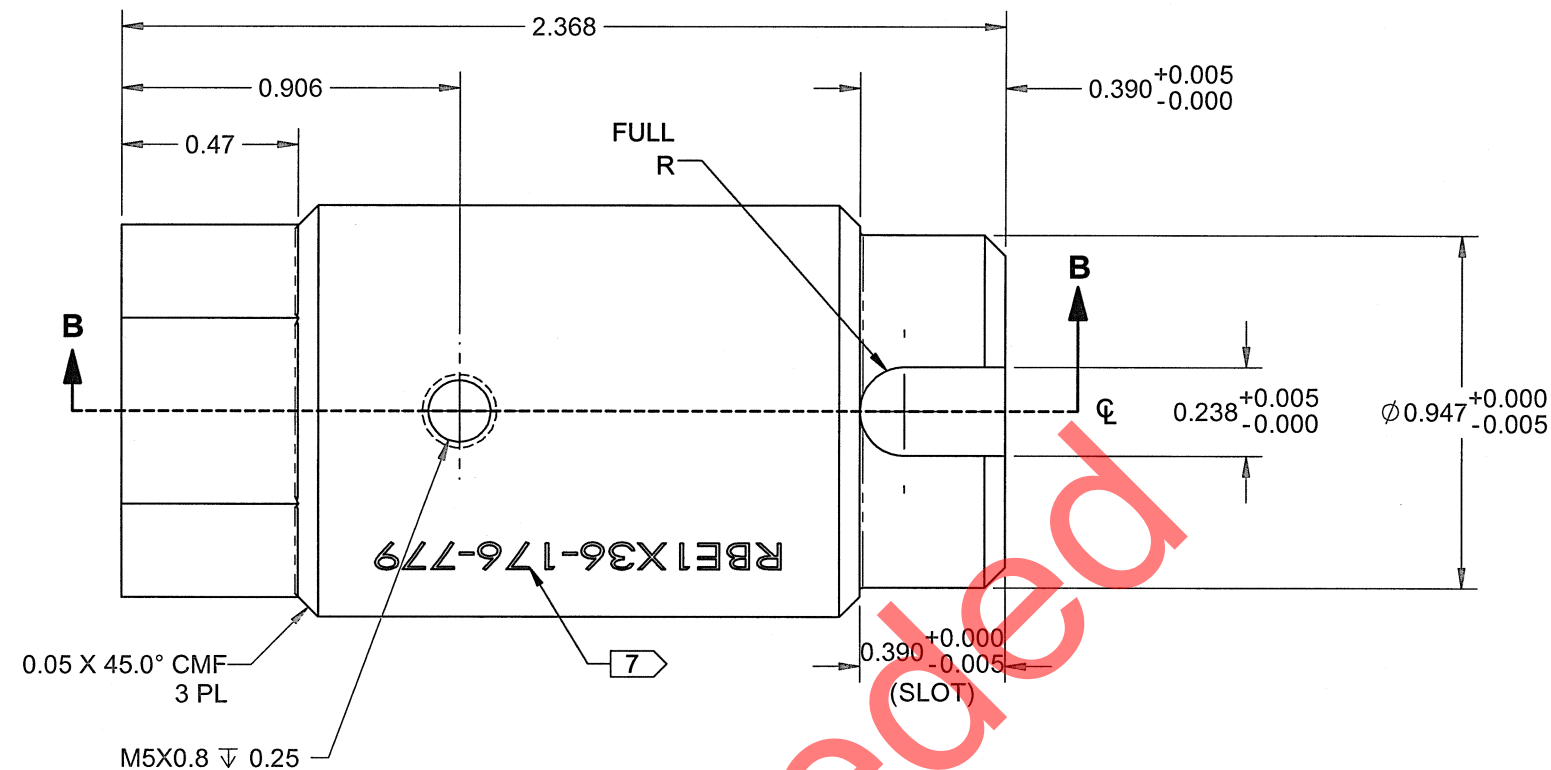
- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) IDENTIFICATION: N/A
 - 7) ASSEMBLE AS SHOWN
 - 8) ASSEMBLE ITEM 3 SO ITEM -2 ROTATES AND SLIDES FREELY
 - 9) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

C		SEE PREVIOUS PDFs FOR OLDER REVs TEMPLATE UPDATED PER DART HAWKESBURY STANDARDS ITEM -1 MATERIAL 4140/4142 RC 44-48 CHANGED FOR H13 RC 48-52, MIN RELIEF ADDED, R0.008 MAX 7 PL ADDED, ENGRAVING S/N AND MADE IN USA REMOVED, DIMENSION .640 CHANGED FOR 0.640 +/- 0.002", DIMENSION .238 CHANGED FOR 0.238 +0.005"/-0, DIMENSION .947 CHANGED FOR 0.947 +0/-0.005, DIMENSION 0.02 X 45.0° CMF 2 PL ADDED, DIMENSION .390 CHANGED FOR 0.390 +0/-0.001" 2 PL, ITEM -2 FINISH BLACK OXIDE CHANGED FOR ZINC PLATE TYPE 2, DIMENSION .630 CHANGED FOR 0.630 +/- 0.002", DIMENSION R.015 CHANGED FOR R0.02, DIMENSION .400 CHANGED FOR 0.40, DIMENSION 3.036 CHANGED FOR 3.036 REF. ADDED 0.25 2 PL DIM		19-707	VM
REV.	DESCRIPTION	ECN #	BY		
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWN	VM				
CHECKED	KPT				
MFG. APPR.	JFC				
APPROVED	WJP				
DATE 5/1/2019		TOOL PART # RBE1X36-176-779			
		REV. C SHEET 1 OF 3			
		TITLE SPANNER			
		SCALE NTS			
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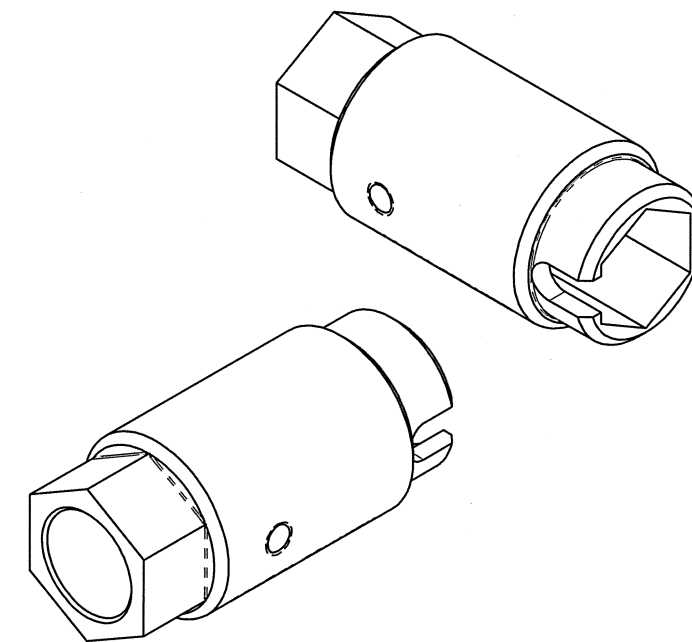
RBE1X36-176-779-1 SLEEVE



8



SECTION B-B

- NOTES:
- 1) MATERIAL: H13
 - 2) HEAT TREAT: 48-52 Rc
 - 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES AND BURRS
 - 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N, "RBE1X36-176-779", AS SHOWN
 - 8) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG



DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. C
MFG. APPR.	JFC	RBE1X36-176-779	SHEET 2 OF 3
APPROVED		TITLE	SCALE
		SPANNER	NTS 
DATE 5/1/2019		COPYRIGHT © 2019 BY DART AEROSPACE LTD	
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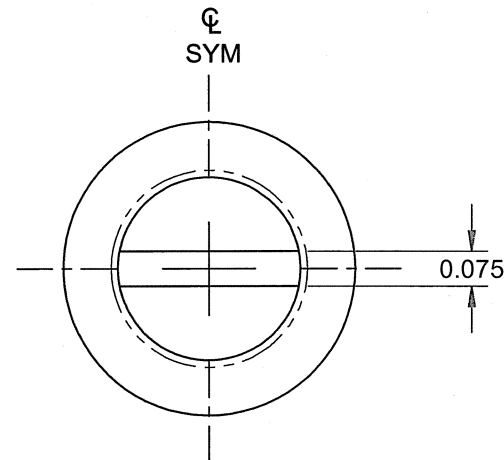
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D

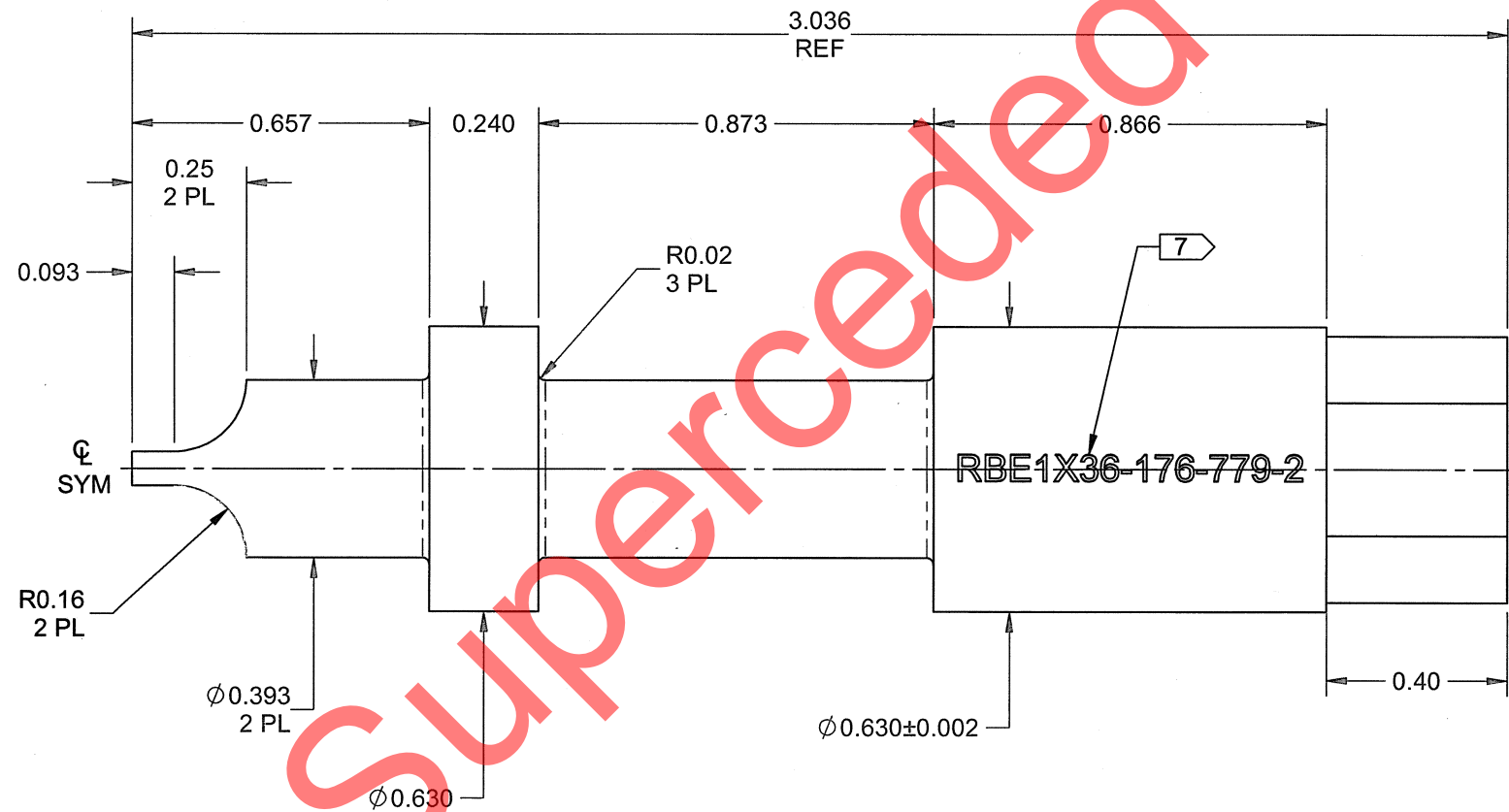
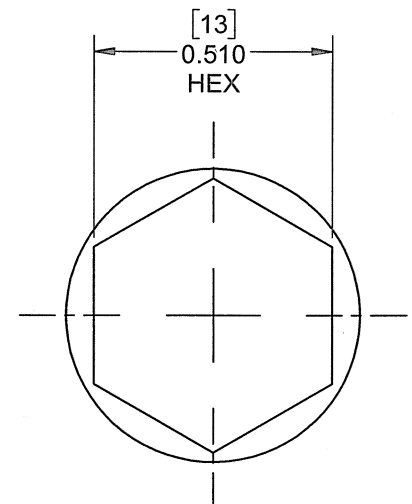
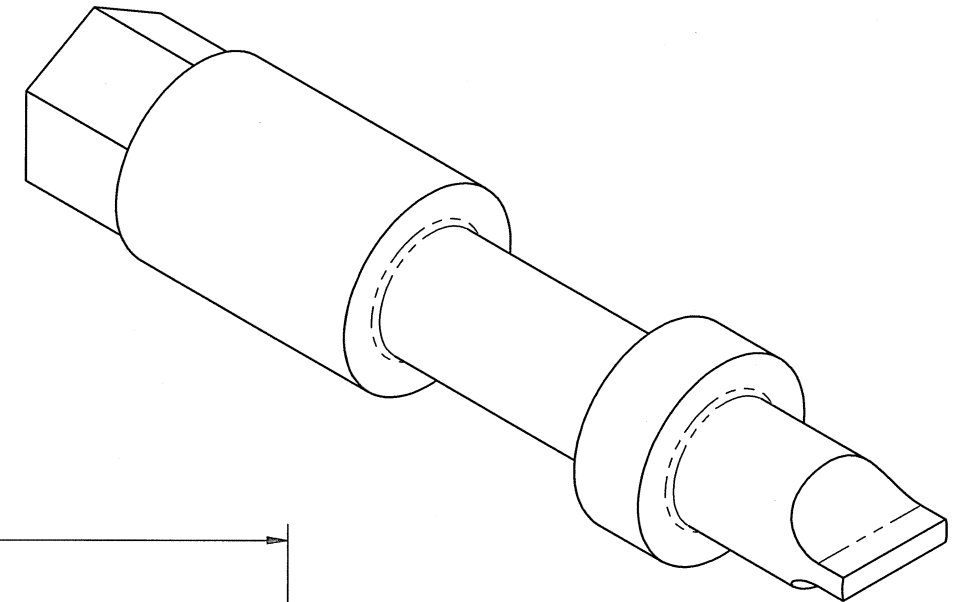
C

B

A

**RBE1X36-176-779-2 DRIVER**

8

**RBE1X36-176-779-2****NOTES:**

- 1) MATERIAL: H13
- 2) HEAT TREAT: 48-52 Rc
- 3) FINISH: ZINC PLATE (YELLOW OR BLACK) PER ASTM B633 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK P/N, "RBE1X36-176-779-2", AS SHOWN
- 8) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. C
MFG. APPR.	JFC	RBE1X36-176-779	SHEET 3 OF 3
APPROVED	WY	TITLE	SCALE
		SPANNER	NTS
DATE	5/1/2019	COPYRIGHT © 2019 BY DART AEROSPACE LTD	
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